Please replace the Abstract of the Disclosure with the following amended Abstract:

An integrated process is described for producing biodiesel from oleaginous seeds, preferably castor bean seeds. The inventive process includes~~, comprising~~ a transesterification reaction where the seeds themselves react with anhydrous ethyl alcohol in the presence of an alkaline catalyst. The resulting ethyl esters are then separated by decantation and neutralized and used as fuel for diesel engines, co-solvents for diesel and gasoline mixtures with anhydrous or hydrated ethyl alcohol. The solid fractions may be used as fertilizers, for feeding cattle and as a raw material for producing ethyl alcohol.